



Excessive Heat

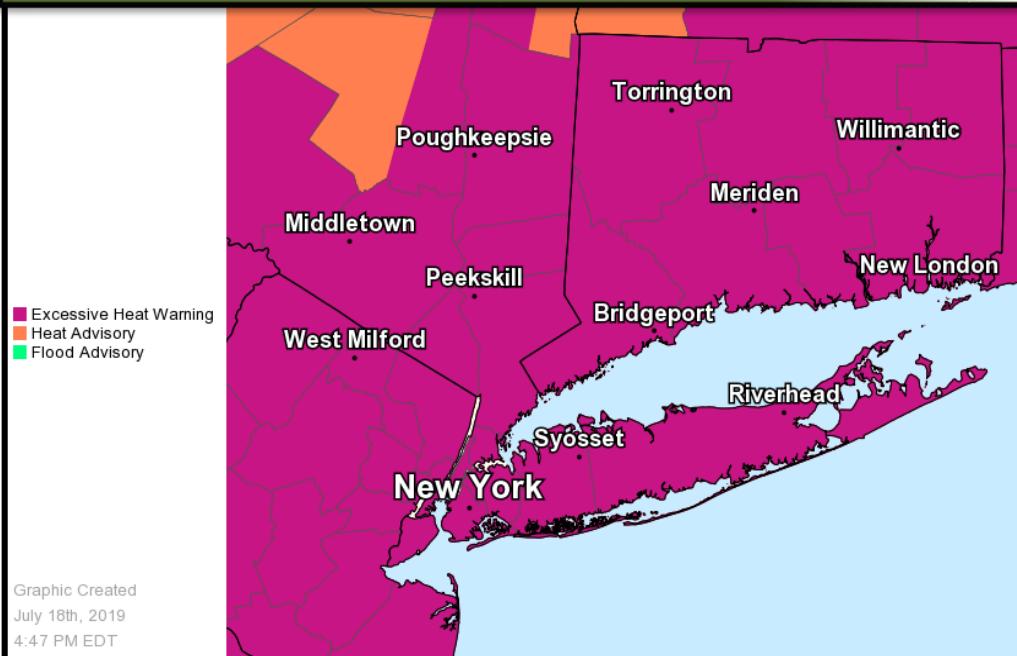
Decision Support Briefing #4
As of 5:00 PM July 18, 2019

Changes since last Briefing:

Excessive Heat Warning in effect for NE NJ, NYC and the Lower Hudson Valley on Friday, Heat Advisory for LI and Southern CT.

Excessive Heat Warning for entire area Saturday and Sunday

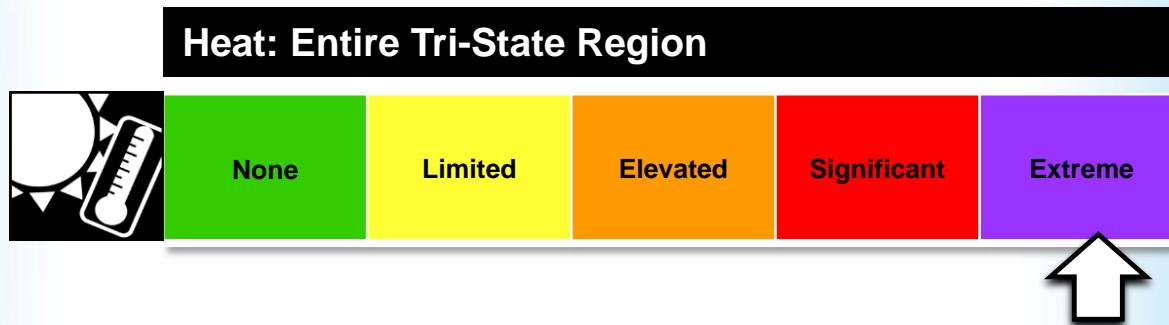
Current Hazards



Main Points

Hazard	Impacts	Location	Timing
Heat 	<p>Extreme heat can cause illness and death among at-risk population who cannot stay cool.</p> <p>The excessive heat may quickly cause heat stress or heat stroke, especially during outdoor exertion or extended exposure.</p>	<p>NE NJ, NYC, and the Lower Hudson Valley- Excessive Heat Warning for Friday through Sunday</p> <p>Long Island and Southern CT- Heat Advisory for Friday into Friday Night, Excessive Heat Warning Saturday and Sunday.</p>	<p>Max heat Index values will range from:</p> <ul style="list-style-type: none"> • 100 to 107 Fri • 105 to 115 Sat • 105 to 110 Sun <p>Peak Heat Index Values will be between 2 and 5pm.</p>

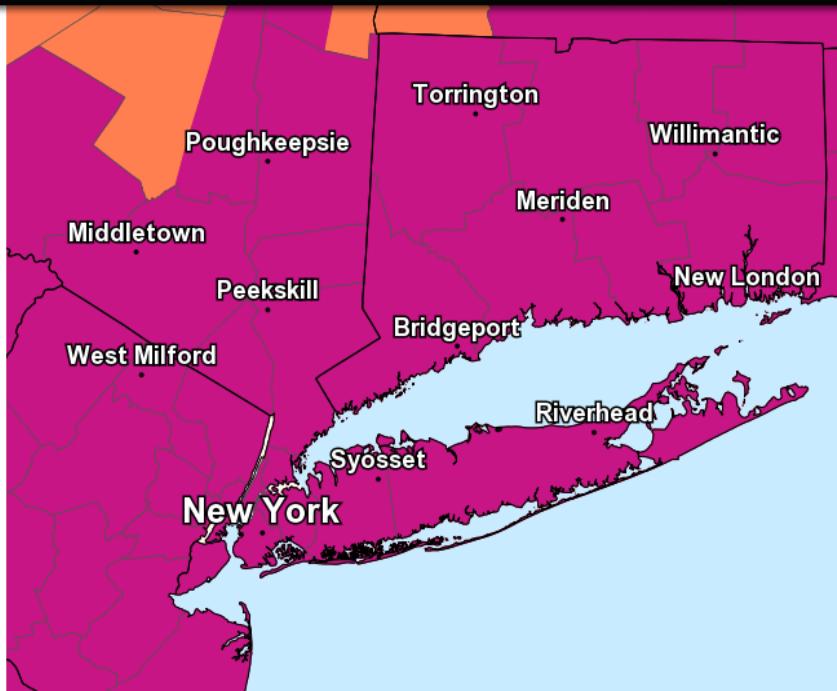
Summary of Greatest Impacts



Excessive Heat Warning in Effect

Excessive Heat Warning for NE NJ, NYC, and Lower Hudson Valley starting Friday.
Excessive Heat Warning for the entire Tri-State Region Saturday and Sunday.

Excessive Heat Warning



Hazards:

- ✓ Max heat Index values will range from:
 - ✓ 100 to 110 Fri
 - ✓ 105 to 115 Sat
 - ✓ 105 to 110 Sun
- ✓ Overnight lows in the upper 70s and lower 80s Fri Night and Sat Night

Impacts:

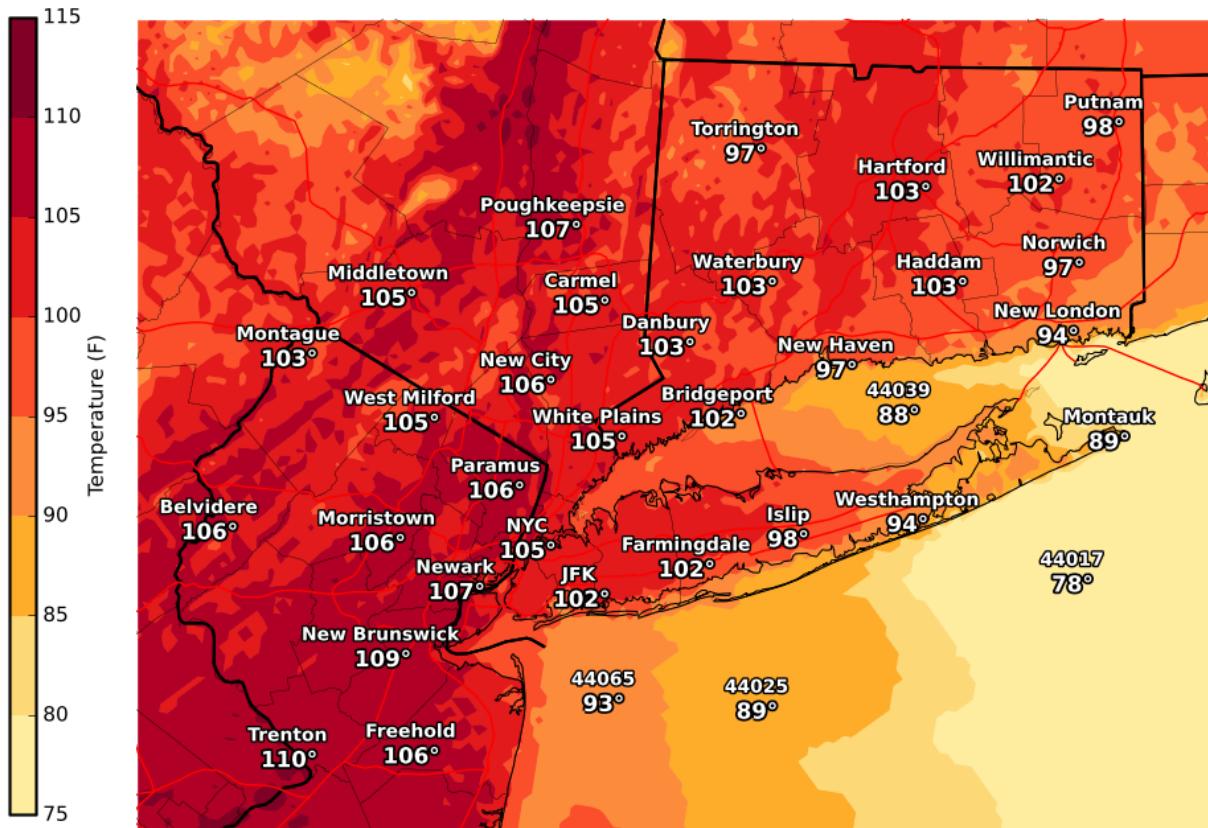
- ✓ Extreme heat can cause illness and death among at-risk population who cannot stay cool.
- ✓ The excessive heat may quickly cause heat stress or heat stroke, especially during outdoor exertion or extended exposure.

Timing :

- ✓ The peak heat Index values will occur between 2 to 5 pm.

Max Heat Index Values Friday

Friday - Maximum Heat Index Temperatures
Valid: July 19, 2019



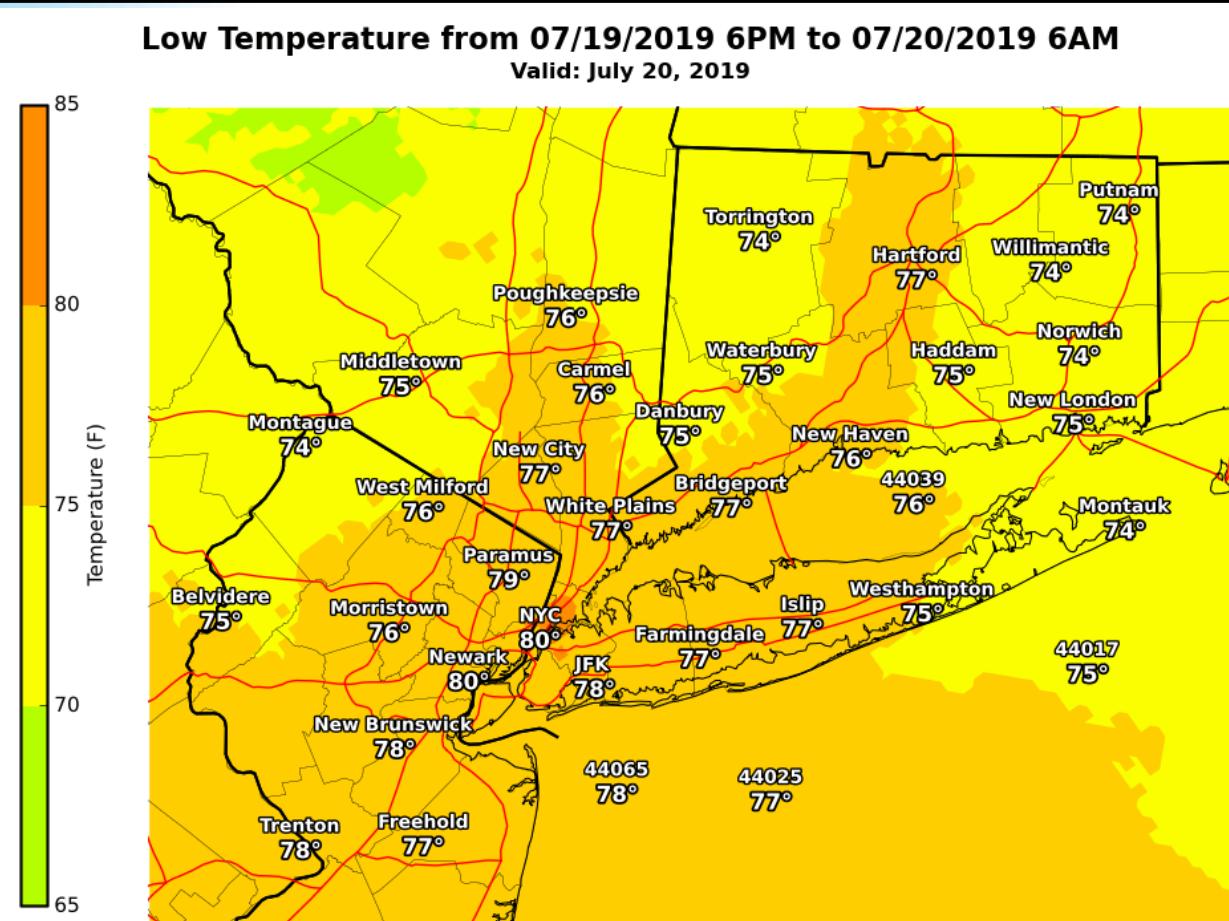
Peak Heat Index
Values between
2 and 5pm



National Weather Service
New York NY
07/18/2019 04:34 PM EDT

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Low temperatures Friday Night into Saturday Morning



Heat indices only drop to 85-90 F for NYC and NE NJ Metro.



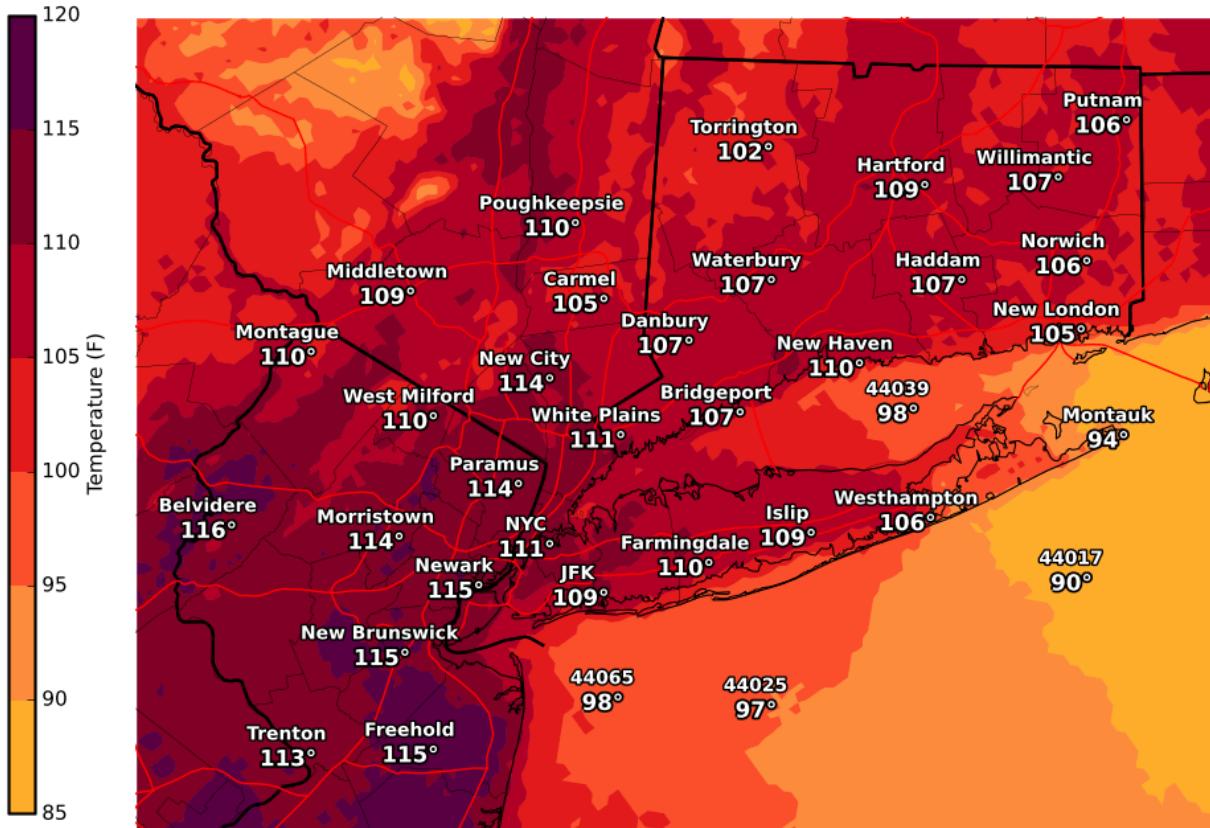
National Weather Service
New York NY
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Max Heat Index Values Saturday

Saturday - Maximum Heat Index Temperatures

Valid: July 20, 2019



Peak Heat Index
Values expected
between
2 and 5pm

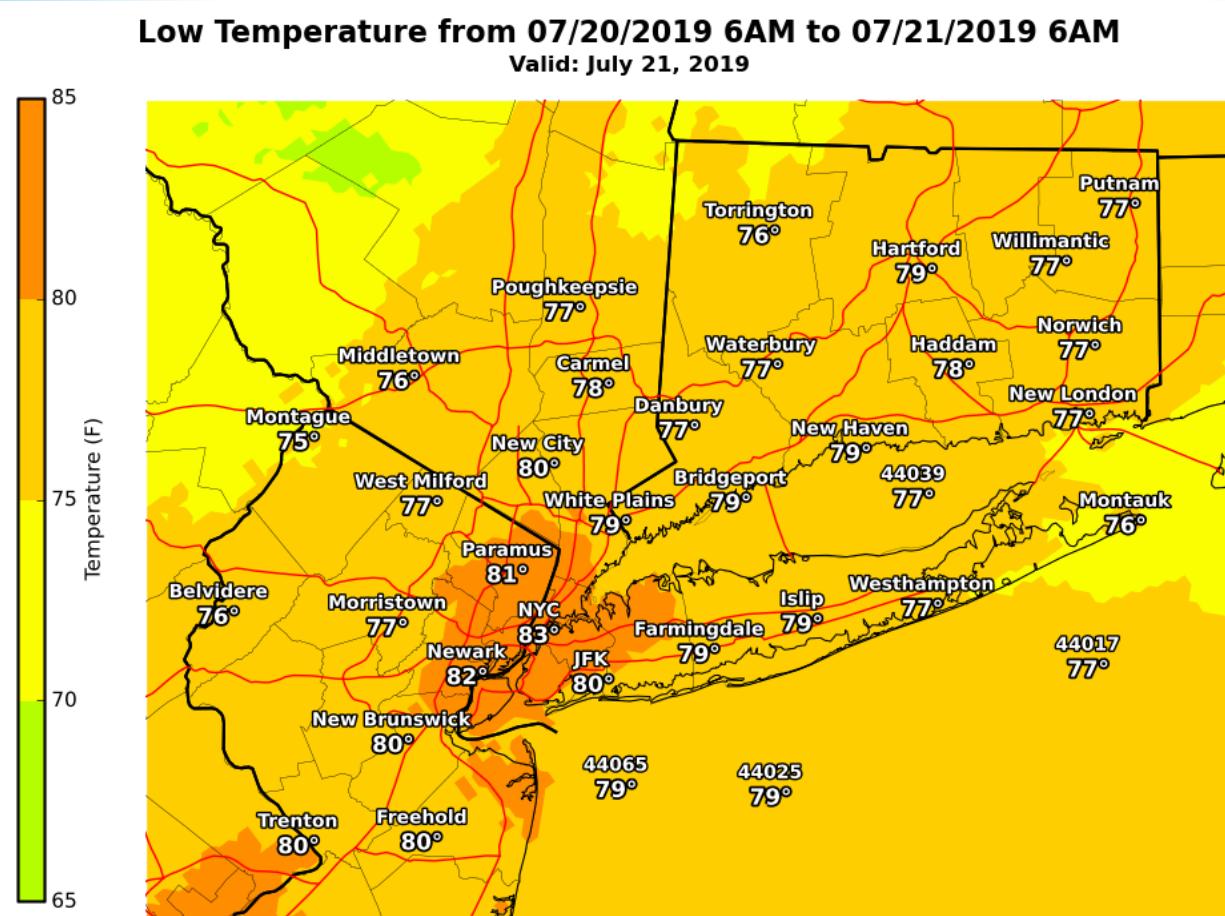


National Weather Service
New York NY

07/18/2019 04:35 PM EDT

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Low temperatures Saturday Night into Sunday Morning



Heat indices only drop to around 90 F for NYC and NE NJ Metro.



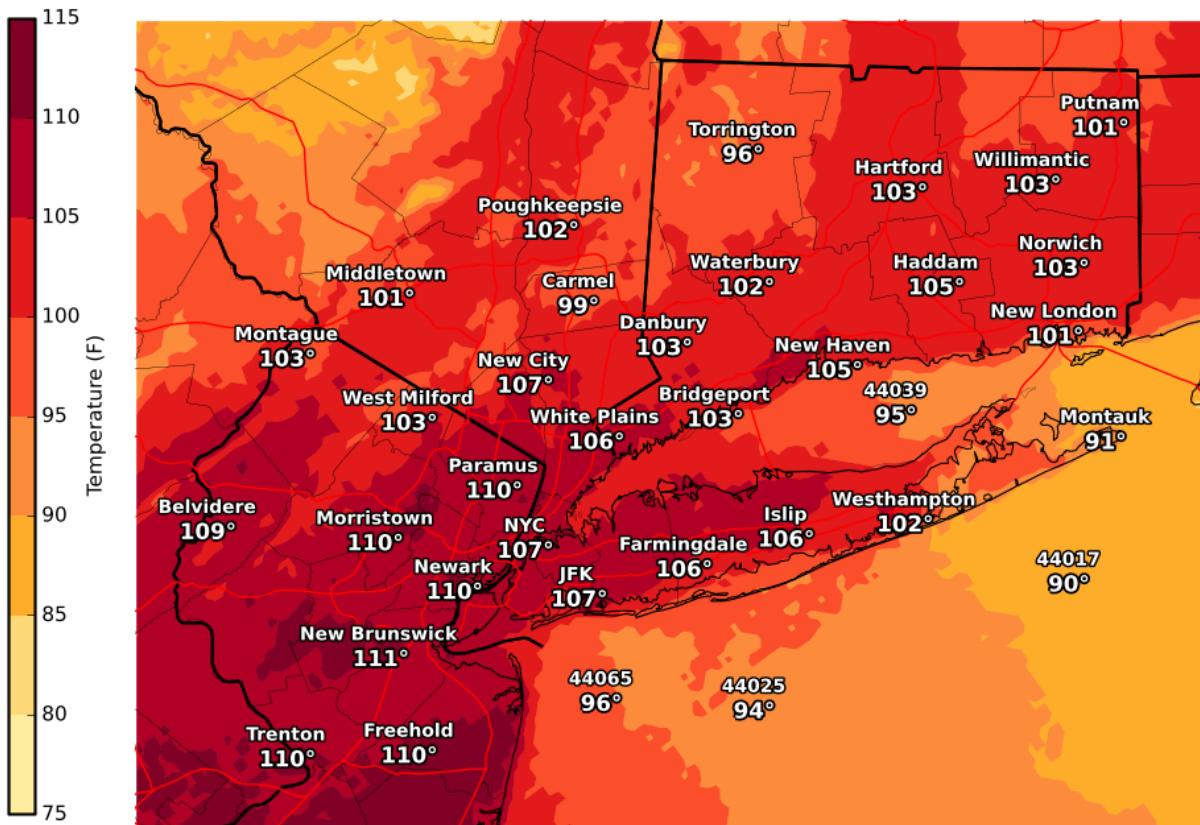
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Max Heat Index Values Sunday

Sunday - Maximum Heat Index Temperatures

Valid: July 21, 2019



Peak Heat Index
Values expected
between
2 and 5pm



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Heat Safety Information

Practice HEAT SAFETY Wherever You Are

Heat related deaths are preventable.
Protect yourself and others from the
impacts of heat waves.

 weather.gov/heat



Job Sites

Stay hydrated and
take breaks in the shade
as often as possible



Indoors

Check up on the
elderly, sick and those
without AC



Vehicles

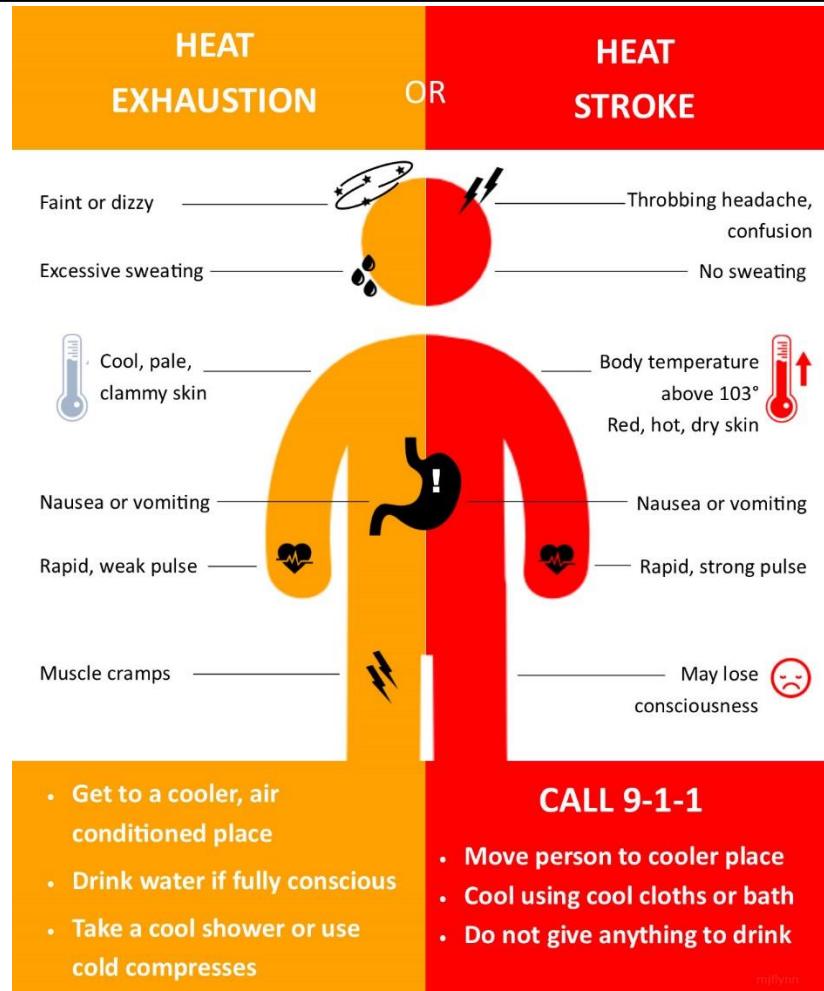
Never leave kids or
pets unattended -
LOOK before you LOCK



Outdoors

Limit strenuous outdoor
activities, find shade,
and stay hydrated

Heat Safety Information





Heat Safety Information

Heat Related Deaths
ARE Preventable
LOOK BEFORE YOU LOCK



weather.gov/heat

nhtsa.gov

The temperature in your car can quickly become deadly!

Outside Temperature 80°



Forecast Uncertainty or Scenarios

- ✓ High Confidence on Dangerous Heat and Humidity levels Friday through Sunday.
- ✓ There is a low probability for isolated Strong to Severe Thunderstorms late Friday Afternoon into Friday Evening, particularly from NYC and points north and West.
 - ✓ The main threat for severe weather appears to be northwest of the local Tri-State region, but with a hot and unstable airmass over the area a minimal threat exists into the region.
 - ✓ Strong to Damaging wind gusts would be the main threat with this activity.

Event Summary

- ✓ **Dangerous heat and humidity Friday through Sunday for the entire Tri-State Area.**
- ✓ Air Quality alert is in effect for most of the Tri-State Region on Friday due to elevated air pollution and ozone concentration levels.
- ✓ There is a low probability for isolated Strong to Severe Thunderstorms late Friday Afternoon into Friday Evening, particularly from NYC and point north and West.



Contact and Next Briefing Information



Next Briefing

By 600 AM July 19

Email



Web:

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Do not use this briefing after 400 AM July 19